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RITTER, VAN PELT & YI LLP

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Atty Dkt No. CISC647 App. No. 09/469,715

Inventor(s): James M. Gardner et al. By: CSK/jms

Filing Date: 12/22/99 Date: March 3, 2000

For: WIDE RANGE FREQUENCY OFFSET  
ESTIMATION IN OFDM SYSTEMS

The following have been received in the U.S. Patent and  
Trademark Office on the date stamped hereon:

1. Response to Notice to File Missing Parts
2. Declaration



RITTER, VAN PELT & YI LLP

MAR 13 2000

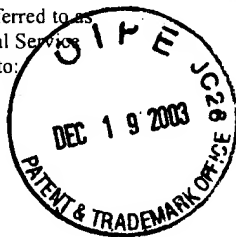
DOCKETED

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**CERTIFICATE OF MAILING**

I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on March 3, 2000 in an envelope as First Class Mail, addressed to:  
Assistant Commissioner for Patents, Washington, DC 20231.

Jacquie Sears  
JACQUIE SEARS



Attorney Docket No.: CISC647

First Named Inventor:

James M. Gardner et al.

Application No. 09/469,715

**RESPONSE TO NOTICE TO FILE MISSING PARTS**

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

☒ Duplicate for  
fee processing

Sir: This is a Response to Notice to File Missing Parts in a patent application in the name of inventors:

James M. Gardner and Vincent K. Jones IV

For: WIDE RANGE FREQUENCY OFFSET ESTIMATION IN OFDM SYSTEMS

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**RITTER, VAN PELT & YI LLP**

MAR 06 2000

**DOCKETED**

**Application Elements:**



Declaration



Newly executed (original or copy)



Copy from a prior application (37 CFR 1.63(d) for a continuation or divisional).

The entire disclosure of the prior application from which a copy of the declaration is herein supplied is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.



Deletion of inventors Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

**Accompanying Application Parts:**



Information Disclosure Statement with Form PTO-1449



Copies of IDS Citations



Preliminary Amendment (*New claims numbered after highest original claim in prior application.*)



Return Receipt Postcard



Verified Statement Claiming Small Entity Status filed in prior application. Status still proper and

desired.



Other:

Amendments

- ☐ Cancel in this application original claims \_\_\_\_\_ of the prior application before calculating the filing fee. (At least one original independent claim must be retained.)

Fee Calculation (37 CFR § 1.16)

	(Col. 1)	(Col. 2)	SMALL ENTITY	OR	LARGE ENTITY		
	<u>NO. FILED</u>	<u>NO. EXTRA</u>	<u>RATE</u>	<u>FEE</u>	<u>RATE</u> <u>FEE</u>		
BASIC FEE			\$380	\$	OR	\$690	\$
TOTAL CLAIMS	<u>14</u>	-20 = <u>      </u>	x9	= \$	OR	x18	= \$
INDEP CLAIMS	<u>2</u>	-03 = <u>      </u>	x39	= \$	OR	x78	= \$
[ ] Multiple Dependent Claim Presented			\$130	= \$	OR	\$260	= \$
* If the difference in Col. 1 is less than zero, enter "0" in Col. 2.			Total	\$	OR	Total	\$ 690

- ☐ Applicants petition for a two (2) month extension of time to respond under 37 CFR § 1.136(a).

- ☒ Check No. 3062 in the amount of \$820.00 is enclosed.

General Authorizations

- ☒ Applicants hereby make and generally authorize any Petitions for Extensions of Time as may be needed for this or any subsequent filings. The Commissioner is also authorized to charge any extension fees under 37 CFR §1.17 as may be needed to Deposit Account No. 50-0685 (Order No. CISCP647 ).

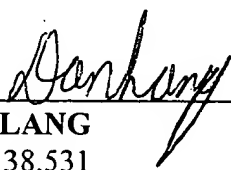
- ☒ The Commissioner is given general authorization to charge any fees or to credit any overpayment during the pendency of this application to Deposit Account No. 50-0685 (Order No. CISCP647 ).

- ☒ Please send correspondence to the following address:

Customer No. 21912  
RITTER, VAN PELT & YI LLP  
4906 El Camino Real, Suite 205  
Los Altos, CA 94022

Date: \_\_\_\_\_

3-3-2000

  
\_\_\_\_\_  
DAN H. LANG  
Reg. No. 38,531



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
--------------------	---------------------	-----------------------	---------------------------

09/469,715 12/21/99 GARDNER J CISC647

021912

0242/0202

RITTER VAN PELT & YI, L.L.P.  
4906 EL CAMINO REAL  
SUITE 205  
LOS ALTOS CA 94022

NOT ASSIGNED

2739

DATE MAILED:

02/02/00

4/2/00

**NOTICE TO FILE MISSING PARTS OF APPLICATION**  
**Filing Date Granted**

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a ☐ small entity (statement filed) ☒ non-small entity is \$ 130.00.

☐ 1. The statutory basic filing fee is:

- ☐ missing.  
☐ insufficient.

Applicant must submit \$ \_\_\_\_\_ to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

☐ 2. The following additional claims fees are due:

\$ \_\_\_\_\_ for \_\_\_\_\_ total claims over 20.  
\$ \_\_\_\_\_ for \_\_\_\_\_ independent claims over 3.  
\$ \_\_\_\_\_ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

☒ 3. The oath or declaration:

- ☒ is missing or unsigned.  
☐ does not cover the newly submitted items.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

☐ 7. Your filing receipt was mailed in error because your check was returned without payment.

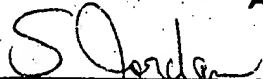
☐ 8. The application was filed in a language other than English.

Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.17(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).

☐ 9. OTHER: \_\_\_\_\_

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

**A copy of this notice MUST be returned with the reply.**



Customer Service Center  
Initial Patent Examination Division (703) 308-1202



2662/#

PTO/SB/21 (08-03)

Please type a plus sign (+) inside this box → ☐

Approved for use through 8/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	<b>Application Number</b>	09/469715	
	<b>Filing Date</b>	December 21, 1999	
	<b>First Named Inventor</b>	JAMES M. GARDNER	
	<b>Group Art Unit</b>	2662	
	<b>Examiner Name</b>	HANH N. NGUYEN	
<b>Total Number of Pages in This Submission</b>		<b>Attorney Docket Number</b>	CISCP647

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input checked="" type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment / Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input checked="" type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Return Postcard  <input type="checkbox"/> Other Enclosure(s) (please identify below):
<b>Remarks</b>		<b>The Commissioner is authorized to charge any additional fees to Deposit Account 50-1652.</b>
		<b>RECEIVED</b>  DEC 30 2003  Technology Center 2600

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
<b>Firm and Individual name</b>	RITTER, LANG & KAPLAN LLP DAN H. LANG, Reg. No. 38,531
<b>Signature</b>	
<b>Date</b>	DECEMBER 15, 2003

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown:			
			December 15, 2003
<b>Typed or printed name</b>	Karen A. Hallock		
<b>Signature</b>		<b>Date</b>	December 15, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2003

Effective 01/01/03. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 420.00

Complete if Known

Application Number 09/469,715

Filing Date December 21, 1999

First Named Inventor JAMES M. GARDNER et al.

Examiner Name HANH N. NGUYEN

Group Art Unit 2662

Attorney Docket No. CISC647

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DEC 30 2003

Technology Center 2600

METHOD OF PAYMENT (check all that apply)  
☒ Check ☐ Credit Card ☐ MoneyOrder ☐ Other ☐ None

☐ Deposit Account:

Deposit  
Account  
Number

50-1652

Deposit  
Account  
Name

Ritter, Lang & Kaplan LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$0)

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Fee from below Fee Paid

Total Claims  -20\*\* =  X  =

Independent Claims  -3\*\* =  X  =

Multiple Dependent  X  =

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$0)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	420
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Petitions related to provisional applications	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$420)

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)

DAN H. LANG

Registration No. (Attorney/Agent)

38,531

Telephone

408-446-8694

Signature

Date

DECEMBER 15, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimate to take 12 minutes to complete, including gathering, preparing, and submitting this completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.